

March 9, 2001

The following is a grading and drainage summary for the Intergen Electrical Generation Plant:

The proposed plant is located north of 19<sup>th</sup> Street, within the City of Palm Springs. The project is referred to as the Indigo site. The property is not located within a flood zone and is not subject to large flows during a typical storm. Storm water currently flows from north to south, collecting at the southwest corner of the property and discharging into 19<sup>th</sup> Street. Off-site water entering the project from the north is in a sheet flow pattern. To protect the site, TKC has designed a 2-foot high earthen berm along the northerly limits of grading. The water is routed around either side of the site in dirt swales to the existing point of discharge at 19<sup>th</sup> Street. The water within the site is also collected in swales designed into the interior asphalt drive isles and flows to the earth swales, outletting into 19<sup>th</sup> Street. In an effort to address any possible water quality concerns, the design shows two separate basins built within the earth swales. The precise grading was designed so the earthwork balanced within the site so there is no import or export required.

THE KEITH COMPANIES, INC.

Inland Empire Division

Mark W. Sambito, P.E.

Project Manager

MWS:cp



Inland Empire Division 22690 Cactus Avenue Suite 300 Moreno Valley California 92553-9024

